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	Application Number		10781951	
**************************************	Filing Date		2004-02-18	
INFORMATION DISCLOSURE	First Named Inventor J. Wa		'alton	
STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Art Unit		2616	
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	Attorney Docket Numb	er	040235	

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue D)ate	Name of Patentee or Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear		
	1	6452981		2002-09	3-17	RALEIGH et a	și			
	2	7151809		2006-12	2-19	KETCHUM et	ai			
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	1	20040082356		2004-04	2004-04-29 WALTON et al					
	2	20040085939		2004-0	5-06	WALLACE et al				
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	3	01076110	wo			2001-10-11	QUALCOMM, Incorporated			

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	2	03015334	wo		2003-02-20	NOKIA CORPORATION	***************************************		
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	્ય	INTERNATIONAL SEARCH REPORT-PCT/US05/005261, INTERNATIONAL SEARCH AUTHORITY-EUROPEAN PATENT OFFICE, 6/16/06							
	2		ALAMOUTI, S.M., "A Simple Transmit Diversity Technique for Wireless Communications," IEEE Journal on Selected Areas in Communications, Vol.16, No.8, OCTOBER 1998, pp.1451-1458						
	3	BEM et al., "Smart Antennas for Mobile Communications Systems," INTERNATIONAL CONFERENCE ON MICROWAVES, RADAR AND WIRELESS COMMUNICATIONS, Vol.3, MAY 22, 2000, pgs.120-130, XP010537479							
	4	BOURDOUX et al., "Non-reciprocal transceivers in OFDM/SDMA Systems: Impact and Mitigation," RADIO AND WIRELESS CONFERENCE, August 10, 2003, pgs. 183-186, XP010656728							
	5	BRUHL et al., "Investigation of Front-end Requirements for MIMO-Systems Using Downlink Pre-Distortion," EUROPEAN PERSONAL MOBILE COMMUNICATIONS CONFERENCE, 2003, pgs.472-476, XP002330243							
	6	JUNGNICKEL et al., "A Mimo System with Reciprocal Transceivers for the Time-division Duplex Mode," ANTENNAS AND PROPAGATION SOCIETY INTERNATIONAL SYMPOSIUM, Vol.2, June 20, 2004, pgs.1267-1270, XP010721570							
	7	LIU et al., *OFDM-MIMC CONFERENCE, Septer				ismatch Calibration," IEEE	RADIO AND WIRELESS		
	8	"Part 11: Wireless LAN Physical Layer in the 50				cal Layer (PHY) Specificati tember 1999	ons: High-Speed		
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